

The plasmids pVP-Nconeo and pVP-Ncohyg are derived from pVP-Nco vector (Tsan, J., Wang, Z., Jin, Y., Hwang, L., Bash, R.O., Baer, R. The Yeast Two-Hybrid System, edn 1. Edited by Bartel, P.L., Fields, S. New York: Oxford University Press (1997): 217-232) by insertion of either a neo^r or hyg^r marker gene using standard subcloning procedures. pVP-Nco in turn is an improved version of the pNLVP16 plasmid, which was constructed for the expression of herpes simplex virus protein VP16-fusion proteins in mammalian cells (Dang, C.V., Barrett, J., Villa-Garcia, M., Resar, L.M.S., Kato, G.J. and Fearon, E.R. (1991), Mol. Cell. Biol. 11: 954-962). A polylinker sequence is preceded by an artificial reading frame including the eleven amino-terminal residues of Gal4p (MKLLSSIEQAC (SEQ ID No. 10)), a nuclear localization signal from the SV40 large T antigen (PKKKRKVD (SEQ ID No. 11)) and the acidic transactivation domain (amino acids 411-456) of the VP16 protein. Alternatively, the hybrid reading frames comprising Gal4 (1-147) and individual sequences of a cDNA library are subcloned into pLXSN or any other similar retroviral vector to allow packaging cell line-aided infection of target cells.

| Oligonucleotide | Sequence (5'-3') |
|------------------------|---|
| a sense | TCGAGTCGACGCGGCCGCTAA (SEQ ID No. 12) |
| A antisense | GGCCTTAGCGGCCGCGTCGAC (SEQ ID No. 13) |
| b sense | TCGAGGTCGACGCGGCCGCGAGTAA (SEQ ID No. 14) |
| B antisense | GGCCTTACTGCGGCCGCGTCGACC (SEQ ID No. 15) |
| c sense | TCGAGAGTCGACGCGGCCGCTTAA (SEQ ID No. 16) |
| c antisense | GGCCTTAAGCGGCCGCGTCGACTC (SEQ ID No. 17) |

REMARKS

Applicants submit herewith an amended sequence listing to correct the errors noted by the Examiner. Pursuant to the Rules, a hard copy of the sequence listing and a computer readable form of the sequence listing (the diskette) are submitted herewith.

I state that this submission, filed in accordance with 37 C.F.R. 1.821(g) does not include new matter.

I further state that the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. 1.821(c) and (e), respectively, are the same.

The Examiner may address any questions raised by this submission to the undersigned at 617-951-7000. Should an extension of time be required, Applicants hereby petition for same and request that the extension fee and any other fee required for timely consideration of this submission be charged to **Deposit Account No. 18-1945**.

Date: May 16, 2001

Customer No: 28120
Docketing Specialist
Ropes & Gray
One International Place
Boston, MA 02110

Respectfully Submitted,



David P. Halstead
Reg. No. 44,735